

In the Claims:

1. (Currently Amended) A method of providing content-based billing to a prepaid wireless subscriber of transmitted data, said transmitted data including a first type having a first charge rate and a second type having a second charge rate, said method comprising the steps of:

initiating information exchange between a first Serving General Packet Radio Service Support Node (SGSN) and Server Control Point (SCP) regarding said prepaid subscriber;

providing by the SCP a volume limit threshold of said second type of data to the first SGSN;

forwarding said volume limit threshold for said second type of data to a Gateway GPRS Support Node (GGSN);

accumulating a data count at said first SGSN comprising both said first type of data and said second type of data;

at said GGSN, accumulating [[only]] a billable data count comprising [[only]] said second type of data according to a profile of a prepaid subscriber, a data count comprising the first type of data not being accumulated at said GGSN;

transmitting said accumulated billable data count of said second type having said second charge rate from said GGSN to said first SGSN when said accumulated billable data count of said second type of data reaches said volume limit threshold; and

providing said accumulated billable data count from said SGSN to said SCP.

2. (Previously Presented) The method of claim 1 further comprising transmitting said accumulated billable data count if an exchange of data between a Base Station Controller/Radio Network Controller (BSC/RNC) and said first SGSN is interrupted before said volume limit threshold is reached.

3. (Previously Presented) The method of claim 1, further comprising the steps of transmitting a new volume limit threshold for said second type of data to said first SGSN and forwarding said new volume limit threshold for said second type of data to said GGSN.
4. (Previously Presented) The method of claim 1 further comprising the step of providing said first SGSN with information to release or terminate communications with a Packet Data Provider (PDP).
5. (Cancelled)
6. (Previously Presented) The method of claim 1 wherein said step of accumulating a billable data count at said GGSN comprises the step of accumulating different second types of data counts at said GGSN, each having a different billable data rate.
7. (Previously Presented) The method of claim 1 wherein said first type of data is provided at no cost to the subscriber and does not accumulate a data count at said GGSN, a second type of data is accumulated at a first rate at said GGSN, a third type of data accumulates at a rate lower than said first rate at said GGSN, and a fourth type of data accumulates at a rate greater than said first rate at said GGSN.
8. (Cancelled)
9. (Original) The method of claim 1 wherein said step of forwarding said volume limit threshold data is forwarded from said first SGSN.
10. (Original) The method of claim 1 further comprising the step of exchanging data between a Base Station Controller (BSC), said first SGSN, and said GGSN.

11. (Cancelled)
12. (Original) The method of claim 4 wherein said information to release or terminate is provided from said SCP.
13. (Currently Amended) The method of claim 1 and further comprising the steps of:
- contacting said first SGSN by a second SGSN indicating a mobility transfer;
 - transmitted said accumulated billing data count from said GGSN to said first SGSN;
 - providing said accumulated data count to said SCP;
 - terminating communications between said SCP and said first SGSN with respect to said prepaid subscriber;
 - establishing communications between said second SGSN and said SCP with respect to said prepaid subscriber;
 - providing volume limit threshold data from said SCP to said second SGSN;
 - forwarding said volume limited threshold for said second type of data from said second SGSN to said GGSN;
 - accumulating a data count at said second SGSN comprising both said first type of data and said second type of data;
 - at said GGSN, accumulating [[only]] a billable data count at said GGSN comprising [[only]] said second type of data according to said prepaid subscriber profile while not accumulating a data count comprising said first type of data;
 - transmitting said accumulated billable data count from said GGSN to said second SGSN, when said accumulated billable data count of said first type of data reaches said volume

threshold limit; and

providing said accumulated billable data count from said second SGSN to said SCP.

14. (Previously Presented) The method of claim 13 further comprising transmitting said accumulated billable data count prior to attainment of said volume limit threshold.

15. (Previously Presented) The method of claim 13 further comprising the steps of transmitting a new volume limit threshold for said second type of data from said SCP to said second SGSN and forwarding said new volume limit threshold for said second type of data from said second SGSN to said GGSN.

16. (Previously Presented) The method of claim 13 further comprising the step of providing said second SGSN with information to release or terminate communications with a Packet Data Provider (PDP).

17. (Cancelled)

18. (Original) The method of claim 13 wherein communication between said second SGSN and said SCP is established prior to termination of communication between said first SGSN and SCP.

19. (Currently Amended) The method of claim [[8]] 1 further comprising the step of exchanging information between said first SGSN and said second SGSN.

20. (Currently Amended) The method of claim [[8]] 1 further comprising the steps of exchanging data between a second BSC, said second SGSN and said GGSN.

21. (Previously Presented) The method of claim 1 wherein the charge rate of said first type of data is provided at no cost to the subscriber.

22. (Cancelled)

23. (New) A method comprising:

receiving, by a Gateway GPRS Support Node (GGSN), a volume limit threshold for a first billable data type;

accumulating, by the GGSN, a first billable data count corresponding to the first billable data type, a data count corresponding to a non-billable data type not being accumulated at the GGSN; and

transmitting the first billable data count to a first Serving General Packet Radio Service Support Node (SGSN) when the first billable data count reaches the volume limit threshold.

24. (New) The method of claim 23, further comprising:

receiving, by the GGSN, a new volume limit threshold for a second billable data type; and

accumulating, by the GGSN, a second billable data count corresponding to the second billable data type and transmitting the second billable data count to the first SGSN.

25. (New) A method comprising:

receiving, by a Serving General Packet Radio Service Support Node (SGSN), a volume limit threshold of a first billable data type;

providing, by the SGSN, the volume limit threshold for the first billable data type to a Gateway GPRS Support Node (GGSN);

receiving a first accumulated billable data count for the first billable data type; and
providing the first accumulated billable data count to a Server Control Point (SCP).